

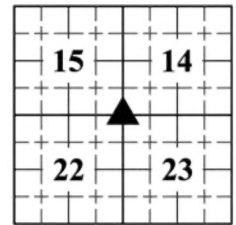
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: Center_N17

Section Corner

Sections 14, 15, 22 & 23- T07N-R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3/4" diameter rebar with cap inscribed "BLA FIRM #0030" found 3" above grade next to a t-post with a Greene County Survey Marker sign.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the intersection of SR 45 and Cox Road, follow a meandering line of t-posts and old wire fence for approximately 800 feet. The rebar is near the bottom of a wooded northeast facing slope, approximately 50 feet southwest of a creek.

GEODETIC COORDINATES: (OSM #10221)

Northing: 331858.24, Easting: 895605.08

Datum: InGCS Greene Zone, US Survey Feet

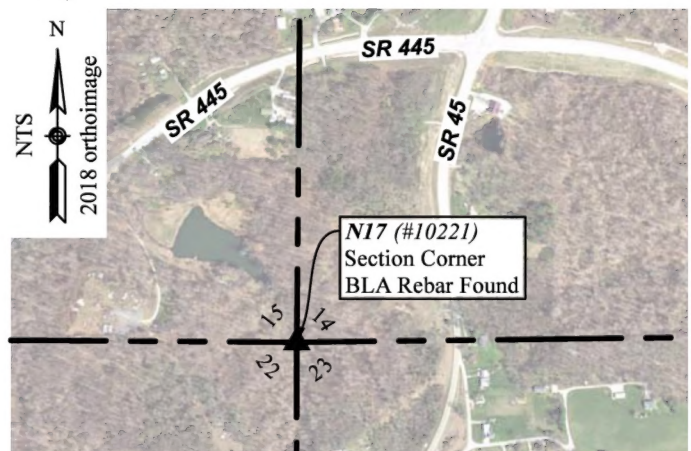
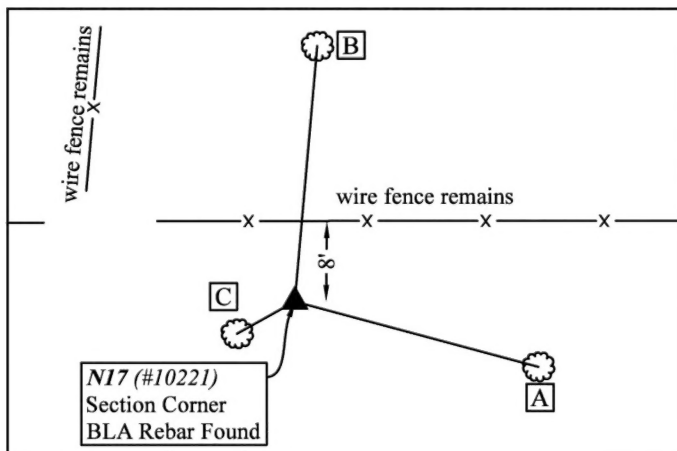
Northing: 1379866.12, Easting: 3056215.31

Datum: NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 75° E	25.5'	Mag nail found 12" above grade on the south side of an 8" dbh beech (new hack mark made over nail in 2021)
B	N 5° E	25.9'	Mag nail found 12" above grade on the east side of a 23" dbh tulip poplar (new hack mark made over nail in 2021)
C	S 61° W	6.7'	Mag nail found 12" above grade on the north side of a 20" dbh oak with wire fence remains. (A new hack was made over the nail in 2021)

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government land surveyor set a wood post at this corner. A legal survey performed in 1838 measured to this corner, but did not indicate that they replaced the stake with a permanent marker or took any new witnesses. 1927 INDOT right-of-way plans for State Road 445 note that a stone was found at this corner. In 2011, Matthew Badger reestablished this corner using a bearing-bearing intersection from found stones to the east and found pipes to the north. He set the BLA capped rebar as shown on the Bernardin Lochmueller & Associates Location Control Route Survey for I69-Section 4-Segment 6. The BLA capped rebar is approximately 9 feet south and 18 feet west of the distance to the centerline of State Road 445 shown on the 1927 plans. East/west wire fence remains were observed 8 feet north of the rebar and fence remains heading north were observed approximately 22 feet west of the rebar.

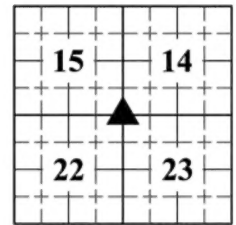
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We raked a 10 foot radius around a search location calculated from the 1927 plans, as well as a 10 foot radius around the apparent intersection of old fence remains, but we found no trace of the stone or the accessories to the original wood post. The BLA capped rebar was also held by Marty James in 2013 and we accepted it as the corner by common report.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1812 By: Arthur Henrie

Where filed or recorded: F_EV03P368

Original monument: Wood post

Bearing Trees or Witness Ties:

Witness	Bearing	Distance
24" beech	N16°W	11.9'
7" beech	S9°E	15.8'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 2011 By: Matthew Badger

Where filed or recorded: 2011-0980

Monument: 3/4" RBR W/ BLA Firm Cap 6" above grade

Bearing Trees or Witness Ties:

Witness	Azimuth	Distance
Mag 12" above grade in north side 20" oak tree	240°	8.0'
Mag 12" above grade in east side of 24" tulip poplar	10°	26.0'
Mag 12" above grade in south side 8" beech	100°	25.5'

Notes: Found and reused all BTs in 2021

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/31/1838	Kelshaw, John B.	Legal Survey for Oliphant and Birch <i>Found corner but did not describe a monument or take new witness ties</i>	LSB 1, page 29
11/29/1927	INDOT	State Highway Federal Aid Project No. 134 Sec.A (Bloomfield-Bloomington Road) aka State Road 445 <i>Found stone</i>	INDOT Records
12/21/1982	Utt, Lee	Plat for Bales-Rhoades in Section 15 <i>No monument shown</i>	PL2-099
3/11/2011	Badger, Matthew G.	I69 Section 4 Segment 6 Route Survey <i>Origin of BLA capped rebar at N17</i>	2011-0980
7/3/2013	James, Marty J.	Survey for Sparks in Section 14 <i>Accepted BLA rebar</i>	2014-0531

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 20 feet
- Discrepancies in the Documents: 20 feet
- Inconsistencies in the lines of Occupation: 8 feet north/south to 22 feet east/west due to fence remains
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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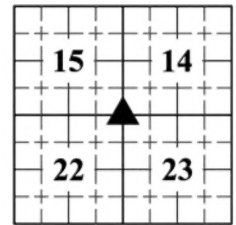


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Date: 12/30/2021



Photo Orientation & Description: BLA rebar at N17



Photo Orientation & Description: Looking north at N17

FIELD PERSONNEL:

Field Date: 12/30/2021 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226A Corner Perpetuation Survey for Center Township Sections 14, 15, 22 & 23, Township 7 North, Range 3 West

Notes: This document is not complete without the associated plat and report of survey dated January 25, 2022.

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using a Javad GNSS System (Triumph LS rover and Triumph 3 base) and the InCORS Real-Time Network. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 1/25/2022

